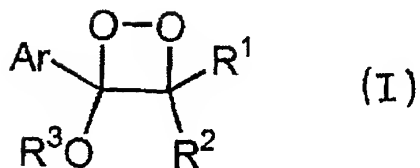
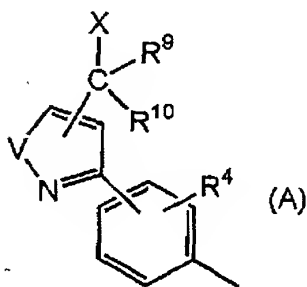


ABSTRACT OF THE DISCLOSURE

A 1,2-dioxetane derivative of the formula (I):

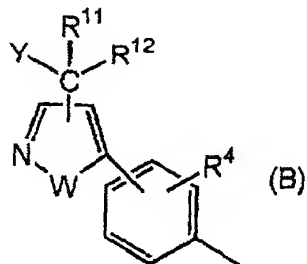


wherein each of R¹ and R² which are independent of each
 5 other, is a hydrogen atom, an alkyl group or an aryl
 group, or R¹ and R² may together form a cyclic or
 polycyclic organic ring group spiro-bonded to the
 dioxetane ring, R³ is an alkyl group or an aryl group, or
 R³ and R¹ or R² may together form a condensed ring
 10 containing the dioxetane ring and a hetero atom, and Ar
 is a group of the formula (A):



wherein R⁴ is a hydroxyl group, an alkoxyl group, an
 aralkyloxy group, a group of -OSi(R⁵R⁶R⁷) (wherein each of
 15 R⁵, R⁶ and R⁷ which are independent of one another, is an
 alkyl group or an aryl group), a phosphate group or a
 group of -S(C=O)R⁸ (wherein R⁸ is an alkyl group or an
 aryl group), each of R⁹ and R¹⁰ which are independent of

each other, is a hydrogen atom, an alkyl group, an aryl group or a halogen atom, X is a halogen atom, and V is an oxygen atom or a sulfur atom, or a group of the formula (B):



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wherein R⁴ is the same as R⁴ in the above formula (A), each of R¹¹ and R¹² which are independent of each other, is a hydrogen atom, an alkyl group, an aryl group or a halogen atom, Y is a halogen atom, and W is an oxygen atom or a sulfur atom.

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